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## PATENT ABSTRACTS OF JAPAN

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(54) PRODUCTION OF POLYMER CONTAINING HYDROXYL AT EACH TERMINAL, COMPOSITION CONTAINING THE SAME POLYMER, USE OF THE SAME COMPOSITION, POLYMER DERIVED FROM THE SAME COMPOSITION AND USE OF THE SAME POLYMER

(57)Abstract:

PURPOSE: To provide a process for obtaining easily, inexpensively and efficiently a polymer containing hydroxyl at each terminal from a vinyl monomer, composition containing the polymer, the use of the composition, a polymer derived from the composition, and the use of the polymer.

CONSTITUTION: A vinyl monomer (b) is polymerized in the presence of a compound (a) of the general formula: HO-A-(S)<sub>x</sub>-B-OH (wherein A and B are each a bivalent organic group, and x is 2-5) and a radical polymerization initiator (c) under such conditions that components other than components (a), (b) and (c) are not substantially present, and the compound (a) in an amount at least 50 times by mole that of initiator (c) is always present in the reactor during the reaction to obtain a polymer containing hydroxyl at each terminal. A composition containing this polymer or a polymer derived from this composition is used.

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